METHOD, SYSTEM, AND PROGRAM FOR MANAGING
VIRTUAL MEMORY

ABSTRACT

5   Provided are a method, system, and program for managing virtual memory designated for use by a module such as a data send and receive agent. In one embodiment, virtual memory addresses intended for use by the module are designated as being within reserved portions and unreserved portions. Virtual memory addresses of the unreserved portion are mapped to physical memory to provide memory buffers which

10   may be allocated to various users of the module in response to user requests. Virtual memory addresses in the reserved portion are not allocated to module users. The respective sizes of the reserved and unreserved portions may change, depending upon usage of the unreserved portions by the module users and needs of other modules and components of the system.